

PATENT ABSTRACTS OF JAPAN

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(54) **METHOD OF FORMING DUST CORE**

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a dust core, in a steadily stable manner, having a high green compact density and a high magnetic flux density.

SOLUTION: A method is provided, instead of the conventional method for molding a dust core, wherein a powdered lubricant for molding is applied to the wall surface of a metal mold cavity for powder molding which has been heated up to a room temperature or within a range from a room temperature to 200°C so as to have a mass of 0.2-2.0 mg/cm², and wherein a mixture of iron powder or iron powder coated with oxide compound and a resin powder of 1% by mass is filled in the cavity for compression molding.